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TRANSMITTAL LETTER
INFORMATION DISCLOSURE STATEMENT

Applicant : Meldal, et al.
App. No : 10/561,803
Filed : December 22, 2005
For : HETEROCYCLIC ORGANIC
MOLECULES THROUGH
INTRAMOLECULAR FORMATION OF
N-ACYLIMINIUM IONS
Examiner : Unknown
Art Unit : Unknown

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 16, 2006

(Date)

Karoline A. Delaney, Reg. No. 44,058

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
- (X) Listing 9 references.
 - (X) Enclosing 9 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Karoline A. Delaney
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Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 9 references to be considered by the Examiner. Also enclosed are 9 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 16 May 2006

By: Karoline A. Delaney

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

MAY 18 2006

SHEET 1 OF 1

Application No.	10/561,803
Filing Date	December 22, 2005
First Named Inventor	Morten Meldal
Art Unit	Unknown
Examiner	Unknown
Attorney Docket No.	HOIB4.001APC

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	1	T. Groth & M. Meldal: "N-terminal peptide aldehydes as electrophiles in combinatorial solid phase synthesis of novel peptide isosteres" Journal of Combinatorial Chemistry, vol. 3, 2001, p. 45-63	
	2	T. Groth & M. Meldal: "Synthesis of aldehyde building blocks protected as acid labile N-Boc N, O-acetals: toward combinatorial solid phase synthesis of novel peptide isosteres" Journal of Combinatorial Chemistry, vol. 3, 2001, p. 34-44	
	3	J. Rademann et al: "Solid-phase synthesis of peptide isosteres by nucleophilic reactions with N-terminal peptide aldehydes on a polar support tailored for solid-phase organic chemistry" Chemistry - a European Journal, vol. 5, no. 4, 1999, p. 1218-1225	
	4	J. H. Grimes et al: "Solid-phase synthesis of a type II' beta-turn peptido-mimetic library" Tetrahedron Letters, vol. 44, no. 19, 2003, p. 3835-3838	
	5	H. Wang & A. Ganesan: "The N-acyliminium Pictet-Spengler condensation as a multicomponent combinatorial reaction on solid phase and its application to the synthesis of demethoxyfunitremorgin C analogues" Organic Letters, vol. 1. no. 10, 1999, p. 1647-1649	
	6	P. P. Fantauzzi & K. M. Yager: "Synthesis of diverse tetrahydro-beta-carboline-3-carboxamides and -2,3-bis-lactame on a versatile 4-hydroxythiophenol-linked solid support" Tetrahedron Letters, vol. 39, 1998, p. 1291-1294	
	7	R. Mohan et al: "Pictet-spengler reaction on solid support: synthesis of 1,2,3,4-tetrahydro-beta-carboline libraries" Tetrahedron Letters, vol. 37, no. 23, 1996, p. 3963-3966	
	8	J. P. Mayer et al: "Application of the Pictet-Spengler reaction in combinatorial chemistry" Tetrahedron Letters, vol. 37, no. 32, 1996, p. 5633-5636	
	9	T. E. Nielsen et al: "The Pictet-Spengler reaction in solid-phase combinatorial chemistry" Drug Discovery & Development, vol. 6, no. 6, 2003, p. 801-814	

2576316/050406

Examiner Signature

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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